

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000351145
PUBLICATION DATE : 19-12-00

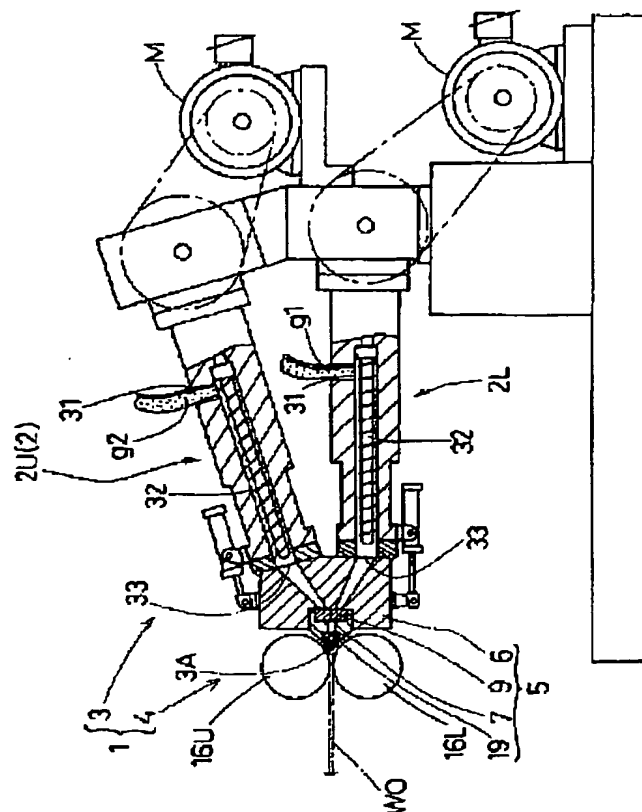
APPLICATION DATE : 11-06-99
APPLICATION NUMBER : 11165887

APPLICANT : NAKADA ENGINEERING KK;

INVENTOR : KAWATAHARA YOSHINORI;

INT.CL. : B29C 47/32 B29C 47/04 B29C 47/08
B29C 47/56 // B29K 21:00 B29L 7:00
B29L 30:00

TITLE : ROLLER HEAD RUBBER EXTRUSION
APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To form a thin sheet-like rubber product with high accuracy and high quality e.g. a rubber member for forming a tire whose crosssection is divided into a plurality of regions with a plurality of kinds of rubbers.

SOLUTION: A rubber extrusion apparatus 3 with an extrusion head 5 for extruding a rubber extrusion body with a transversely long crosssection divided into a plurality of crosssectional region with a plurality of kinds of rubbers (q) extruded from a plurality of rubber extruder main bodies 2 and a roller head 4 arranged in the neighborhood of an extrusion hole 3A and consisting of upper and lower calender rolls 16U and 16L are provided. The height of opening of the extrusion hole 3A is made less than 3 times of the gap between the upper and lower calender rolls 16U and 16L.

COPYRIGHT: (C)2000,JPO